

Our Reference: 200300677-1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Xiaohe Chen, et al.
Serial Number:	10/775,660
Filing Date:	February 9, 2004
Confirmation No.:	1438
Examiner/Art Group Unit:	Patrick Dennis Niland/1796
Title:	INK COMPOSITIONS FOR INK-JET PRINTING

AFFIDAVIT UNDER 37 C.F.R. 1.131

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-145074

Sir:

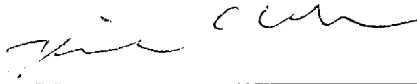
We, Xiaohe Chen and George Sarkisian, the inventors of the above-identified patent application, hereby declare as follows:

- I. We conceived the invention as further described and claimed in the above-identified application prior to May 29, 2003, the filing date of U.S. Patent Publication No. 2004/0035319.
- II. The invention was conceived, made, or otherwise developed in the United States.
- III. We exercised due diligence from prior to May 29, 2003 until a subsequent reduction to practice or to the filing of the above-identified application.

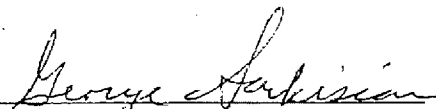
IV. Attached Exhibit 1 is a copy of pages from my (George Sarkisian) laboratory notebook describing our invention as defined in claim 1 of the above-identified application, dated prior to May 29, 2003. The ink formulations shown in Exhibit 1 are identified by reference numbers 4229, 4230, and 4231. Each of these ink formulations include a self-dispersed pigment (IJX 600-1, 6575-65), 1,2-alkyldiol (1,2-hexanediol); and a single polyurethane resin (nbz 3570/60).

We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that the statements were made with the knowledge that willful false statements or the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 7/17/09


Xiaohu Chen

Date: 7/17/09


George Sarkisian

TITLE <u>Gs Report 178</u>		Project No. _____	
From Page No. _____		Book No. <u>4129</u>	
To optimize binder level			
	D	E	F
	9229	4230	1231
DX 660, 650-65	3.0	3.0	3.0
DX 669 (10:650)	1.8	1.6	1.2
dx 350/60	6.0	6.0	6.0
Printed DHE	7.0	7.0	7.0
1/2 Wavelength	4.0	4.0	4.0
Printed GXC	0.2	0.2	0.2
Water	balance	B	B
	100g		
To P:			
Witnessed & Understood by me,	Date	Invented by <u>[Signature]</u>	Date <u>[Redacted]</u>
		Recorded by	